Air Live®
Powered by OvisLink Corp.

Auto Secure

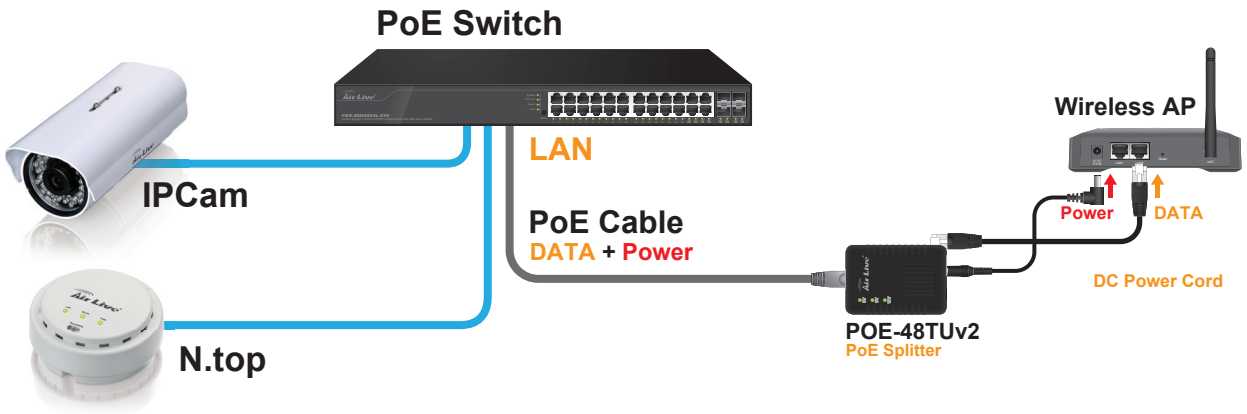
Full Power

VLAN

POE+ SWITCH SERIES

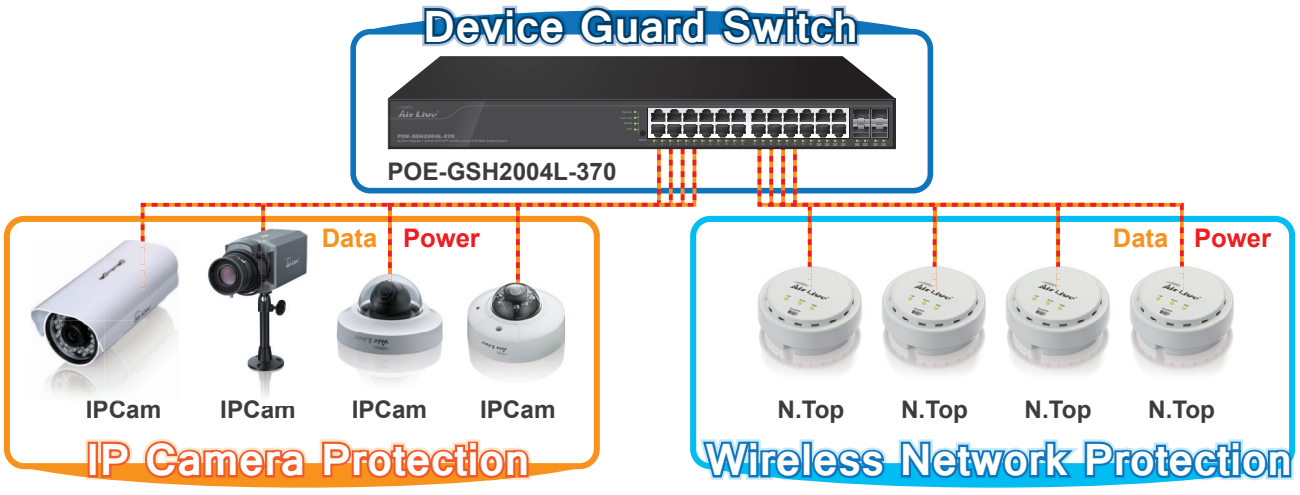
1 FULL POWER POE+ SWITCH

PoE+ switch gives you full power for powered device (PD).
AirLive PoE+ switch can automatically detect the presence of 802.3at/af compliant PD and provide power through the port. It is equipped with high power AC/DC power module. The module can power 24-port PoE-FSH2004L-370 to a maximum of 370W, and 8-port PoE-FSH1008AT to a maximum of 130W. Each PoE port can provide up to 30W output, so from IP Cam, IP Phone, AP to other PD devices, AirLive PoE+ switch can handle them all.



2 AUTO SECURE (DEVICE GUARD)- YOUR VIRTUAL TECHNICIAN

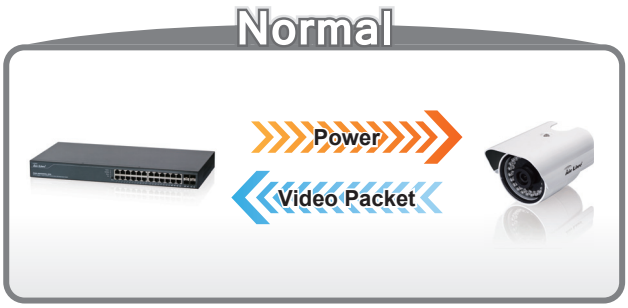
As a virtual technician working 24/7, Device Guard monitors the status of IP Cam as well as AP, and automatically re-powers the crashed devices. No matter where the devices are installed, Device Guard can fulfill the task without charging you extra fees. This intelligent design is a benefit especially for enterprise customers.

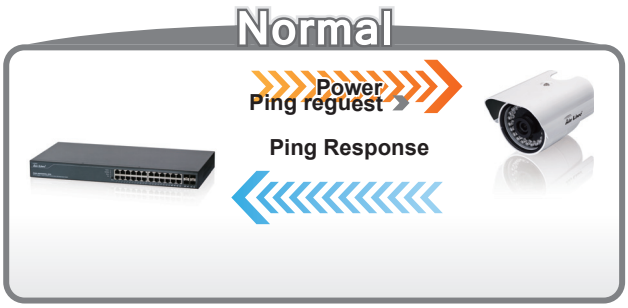


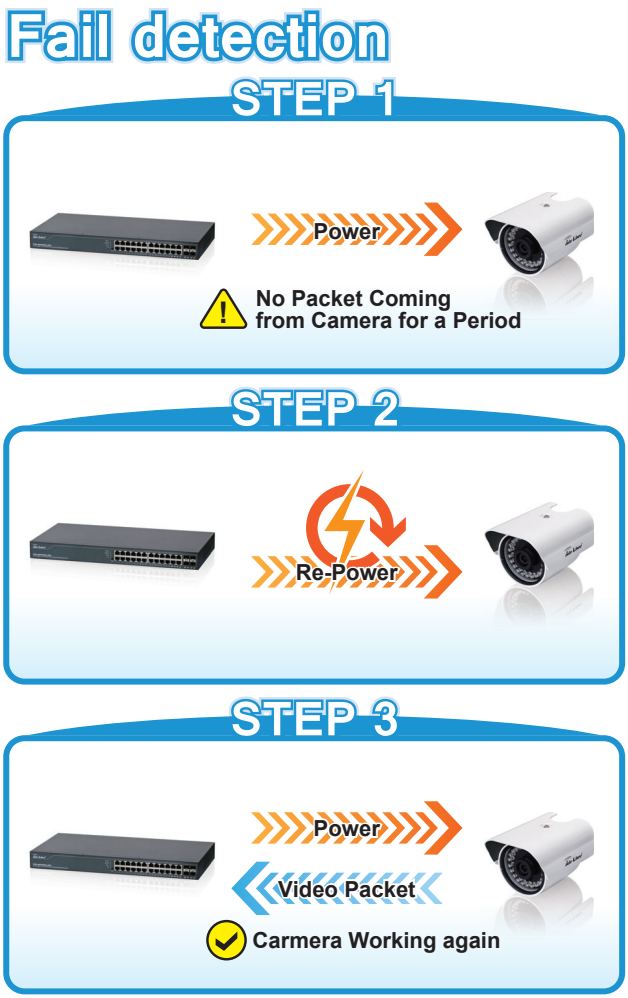
Guard Packet or Guard IP

The switch checks the packet streaming regularly. If the switch does not receive any packet, it will re-power the IP Cam.

The switch Pings the PD regularly and will re-power it when no Ping echoes from AP, IP Cam or PoE IP Phone.





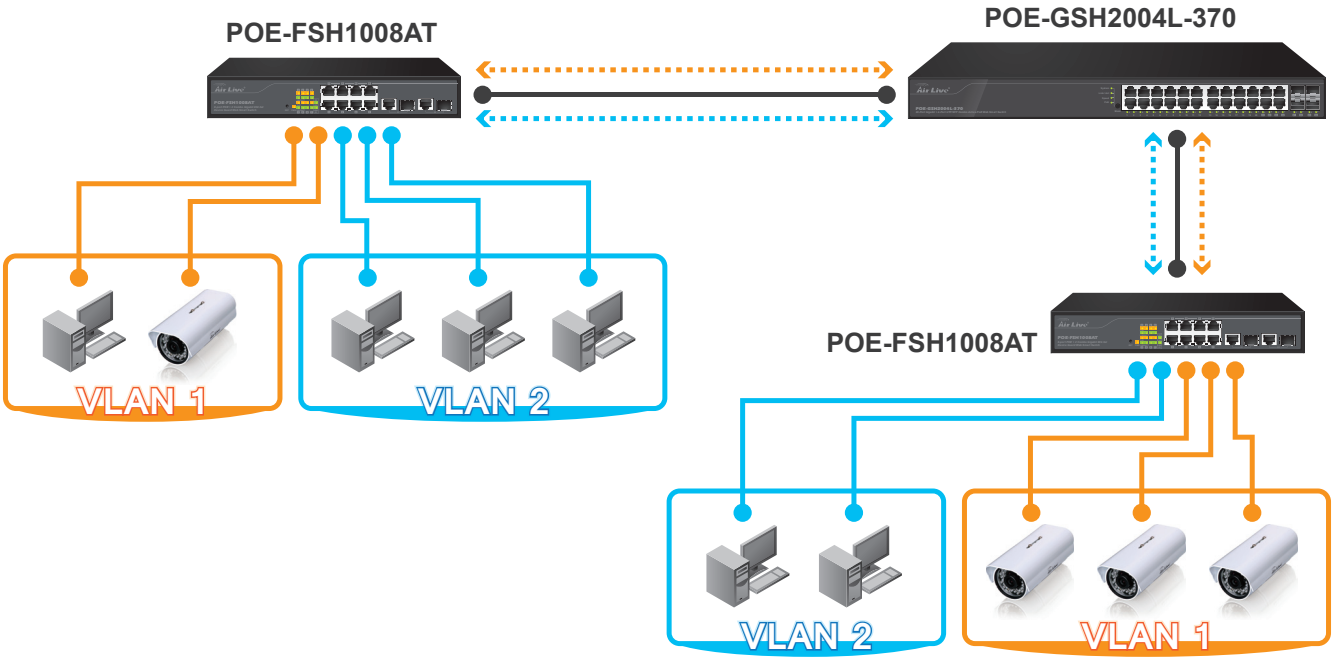


3 VLAN, A PERFECT SOLUTION TO SEPARATE SURVEILLANCE NETWORKS FROM OTHER NETWORKS

In addition to being an intelligent data switch, AirLive switch has VLAN that can secure the surveillance network. AirLive web smart switch supports two types of VLANs: Port Based VLAN and Tag Based VLAN(802.11Q). It allows users to separate the surveillance networks from other networks more easily.

VLAN is a technology to virtually segment networks. Only the users in a specific group are capable of

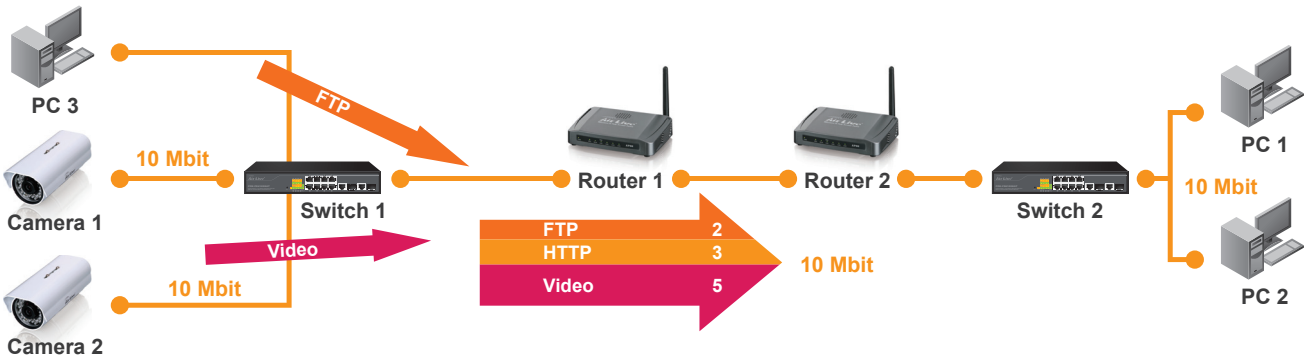
exchanging data or accessing certain resources on that network. If a network video system is segmented into a VLAN, only the servers located in that VLAN can access the network cameras. What's better, VLAN provides a more cost-effective solution than physically separated networks which need additional hardware and cabling.



4 QOS, HIGHWAY FOR DATA STREAMING

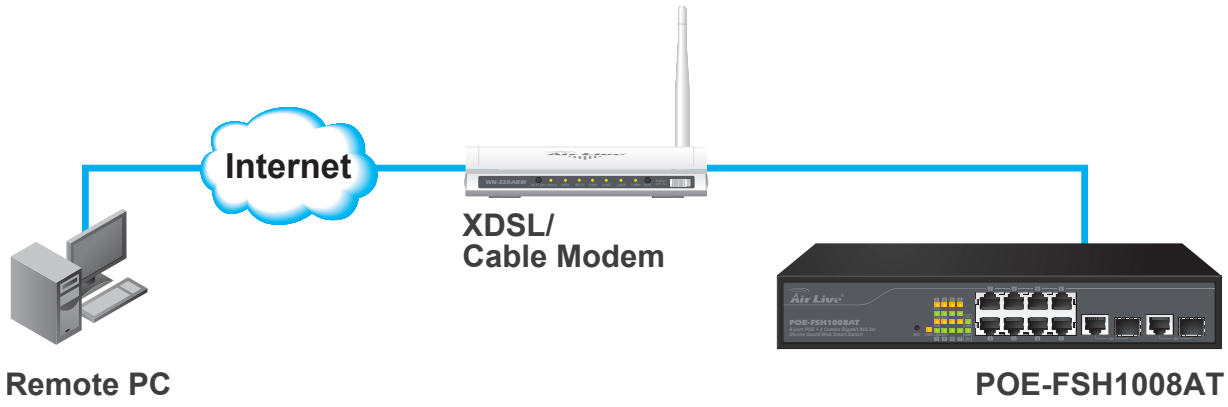
QoS setting ensures you smooth data streaming such as surveillance video streaming.

For critical surveillance videos, users may reserve the bandwidth for them by prioritizing the traffic on PoE switch. When the traffic between IP Cam and storage servers is set at top priority level, and the traffic of other use of low level of priority, there will not be latency problems.



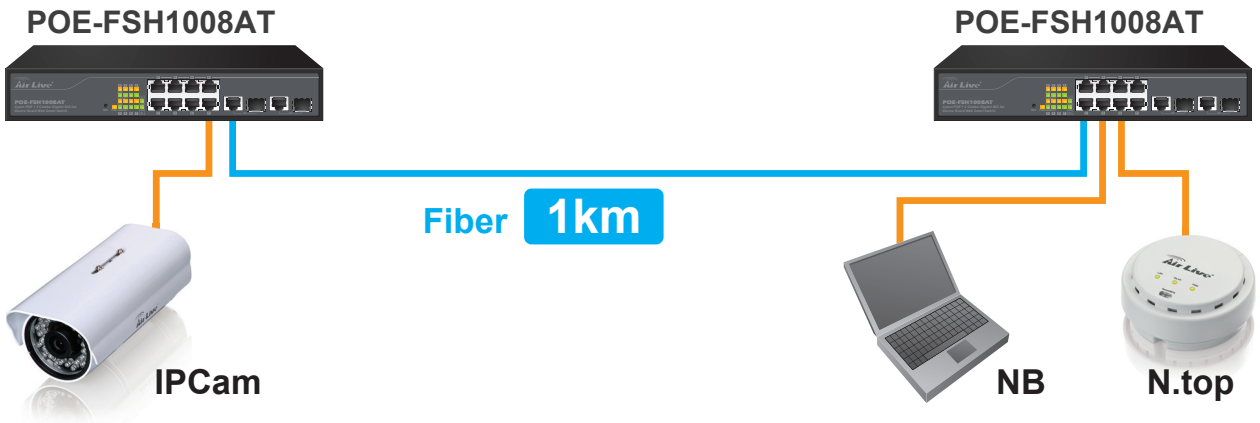
5 CONVENIENT REMOTE MANAGEMENT

For convenient management, AirLive PoE web smart switch allows the MIS or surveillance administrator to reboot or disable/enable PoE power, IP Cam or AP remotely.



6 HIGH QUALITY DISTANT FIBER CONNECTION

AirLive web smart switch, with its built-in SFP slot, allows optical fiber connection up to 80Km. With UTP/SFP or combo ports, AirLive switch helps you build quality distant connection.



POE-GSH2004L-370

24 Port Gigabit with 4 UTP/SFP combo 802.3AT Device Guard Web Smart Switch

Standards
- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-X
- IEEE 802.3x Flow Control
- IEEE 802.3af Power Over Ethernet (PoE)
- IEEE 802.3at Power Over Ethernet (PoE)
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.1q VLAN (Port Based and Tag Based)
- IEEE 802.1p Class of Service, Priority Protocols
- IEEE 802.1d Spanning Tree Protocol
- IEEE 802.1w Rapid Spanning Tree Protocol

Hardware
- Number of Ports: 24 PSE/Power over Ethernet Ports
- MAC Address: 8K
- Buffer Memory: Embedded 512 K Bytes frame buffer
- Jumbo frames: 9KB
- Transmission Method: Store and Forward

Management Features

Trunking
- Static trunk (Link Aggregation)
- Up to 12 groups
- Up to 24 ports per group

Spanning Tree Protocol (STP)
- Standard Spanning Tree 802.1d
- Rapid Spanning Tree (RSTP) 802.1w

VLAN
- Support up to 16 VLANs simultaneously (out of 4096 VLAN IDs)
- 802.1Q tag-based VLAN
- Port-based VLAN
- Port Isolation
- Management VLAN

IGMP v1/v2 Snooping:
- Supports 64 multicast groups (source-specific multicasting is also supported)

Port mirroring

Loop detection

Broadcast Storm protection

Quality of Service(QoS)
- 8 hardware queues
- Scheduling
- Strict priority
- Queue assignment based on DSCP and class of service (802.1p/ CoS)

SNMP
- SNMP version1, 2c with support for traps

Reset Button

Filtering/Forwarding Rates
- 1000Mbps port - 1,488,000pps
- 100Mbps port - 148,800pps
- 10Mbps port - 14,880pps

Transmission Media
- 10BaseT Cat. 3, 4, 5, 6 UTP/STP
- 100BaseTX Cat. 5, 6 UTP/STP
- 1000BaseT Cat. 5, 6 UTP/STP
- 1000BASE-X SX/LX SFP

Led Indicators
- Per Port UTP: Link/Act, Speed, PoE Status
- Per Port SFP: Link/Act, Speed
- Per Unit: Power

Power Input
- 100-240 VAC 50~60 Hz, internal , universal

Power Output
- 54V/DC Per Port Output – 30 W Max Per Port
- Total PoE Output 370 W

Power Consumption
- PoE= 367.2W (Full loading with PD connect)
- System= 17.41W (Full loading without PD)

Dimensions
- 442 (W)x 44 (H) x 211.2 (D) mm

Weight
- 3.6 Kg

PoE-FSH1008AT

8-port POE + 2 Combo Gigabit 802.3at Device Guard Web Smart Switch

Standard
- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3x Flow Control
- IEEE 802.3ad Trunk (Link Aggregation)
- IEEE 802.3af Power Over Ethernet (PoE)
- IEEE 802.3at Power Over Ethernet (PoE)
- IEEE 802.1q VLAN (Port Based and Tag Based)
- IEEE 802.1p Class of Service, Priority Protocols
- IEEE 802.1x
- IEEE 802.1d Spanning Tree Protocol
- IEEE 802.1w Rapid Spanning Tree Protocol

Hardware
- Number of Ports: 8 PSE/Power over Ethernet Ports + 2 Combo(UTP/SFP) uplink Port
- MAC Address: 4K
- Buffer Memory: 352KB
- Transmission Method: Store and Forward

Management Features
- Port VLAN: 8
- Tagged VLAN: 4094
- Trunk Groups : 2 (1~4 port for each group)
- Quality of Service: up to 4 queues
- PoE function Enable/Disable Control, Power Consumption
- STP/RSTP (Spanning Tree Protocol and Rapid Spanning Tree Protocol)
- MAC Binding
- IGMP Snooping
- Management: Broadcast Strom Control, Bandwidth Control,
- Port Mirroring, Password-protected Access, Port Settings,
- Web-base Management, Graphic User Interface, Configuration - Back and Restore...etc.

Filtering/Forwarding Rates
- 1000Mbps port - 1,488,000pps
- 100Mbps port - 148,800pps
- 10Mbps port - 14,880pps

Transmission Media
- 10BaseT Cat. 3, 4, 5 UTP/STP
- 100BaseTX Cat. 5 UTP/STP
- 1000BaseT Cat. 5 UTP/STP

Led Indicators
- Per Port: Link/Act, PoE Act/Status
- Per Unit: Power

Power Input
- 100~240V/AC, 50~60Hz

Power Output
- 53V/DC Per Port Output – 30 W Max Per Port

- Total PoE Output 130 W

Power Consumption
- PoE= 130W ; System 10W

Dimensions
- 263X160X44 mm (L x W x H)

Weight
- 1.45 kg

PoE-FSH808PW

8-Port 24V Passive POE + 2 Gigabit Uplink Web Smart Switch

Standards
- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3x Flow Control
- IEEE 802.3ad Trunk (Link Aggregation)
- IEEE 802.1q VLAN (Port Based and Tag Based)
- IEEE 802.1p Class of Service, Priority Protocols
- IEEE 802.1x
- IEEE 802.1d Spanning Tree Protocol
- IEEE 802.1w Rapid Spanning Tree Protocol

Features
- Number of Ports: Total 10 Ports
  - 8 Passive Ports & 2 Gigabit TP/SFP Ports
- MAC Address: 4K
- Buffer Memory: 1.625M bits
- Transmission Method: Store and Forward

Smart Features
- Port VLAN: 8
- Tagged VLAN: 4094
- Trunk Groups : 2 (1~4 port for each group)
- Quality of Service: up to 4 queues
- PoE function ON/OFF Remote Control, power consumption, short protection
- STP/RSTP (Spanning Tree Protocol and Rapid Spanning Tree Protocol)
- MAC Filtering
- IGMP Snooping
- Management: Broadcast Strom Control, Bandwidth Control, Port Mirroring, Password-protected Access, Port - Settings,Web-base Management, Graphic User Interface, Configuration Back and Restore...etc.

Filtering/Forwarding Rates
- 1000Mbps port - 1,488,000pps
- 100Mbps port - 148,800pps
- 10Mbps port - 14,880pps

Transmission Media
- 10BaseT Cat. 3, 4, 5 UTP/STP
- 100BaseTX Cat. 5 UTP/STP
- 1000BaseT Cat. 5 UTP/STP

Led Indicators
- Per Port: Link/Act, PoE
- Per Unit: Power

Power Input
- 100~240V/AC, 50~60Hz

Power Output
- 24V/DC Per Port Output – 16.8 W Max Per Port8 Port total 134.4W

Power Consumption
- 134.4 Watts (Max) for PoE; 10W for system （Power module=180W）

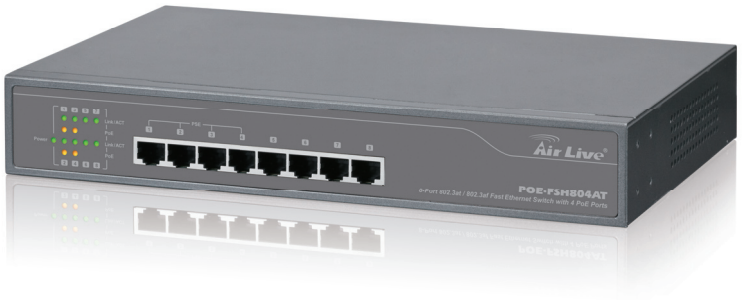
Temperature
- Operating:0 to 50°C
- Storage: -20 to 90°C

Humidity
- 10 to 90% RH (non-condensing)

Certifications
- FCC, CE

Dimensions
- 44 × 266 × 160 mm (H x W x D)

Weight
- 1.8 kg



PoE-FSH804AT

8-Port 802.3at/802.3af
Fast Ethernet Switch with 4 PoE Ports

Standard
-IEEE 802.3 10BaseT
-IEEE 802.3u 100BaseTX
-IEEE 802.3x Full-duplex and Flow Control
-IEEE 802.3at/af Power over Ethernet

Interface
- 8 x 10/100Mbps RJ-45 switch ports

Power Supply
- 100~240V/AC, 50~60Hz
- Total Power Consumption: 65W maximum

PoE Output Power
- Ports 1 – 4, 30W Max, up to 60W totally

Forwarding mode
- Store-and-forward

Bandwidth
- 1.6Gbps

Buffer memory
- 64KB

Address table
- 1K

Emission
- FCC, CE

LED indicators
- Per Port: Link / ACT
- PoE Port: Link / ACT, PoE
- System: Power

Temperature
- Operating: 0 to 50°C
- Storage: -20 to 90°C

Humidity
- Operating: 10% ~ 90% (non-condensing)
- Storage: 10% ~ 90% (non-condensing)

Produce Weight (g)
- 1.6 kg

Dimensions
- 280 × 180 × 44 mm (L x W x H)

Information and Disclaimer:

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